



Vidya Jyothi Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC & NBA, Approved by AICTE New Delhi & Permanently Affiliated to JNTUH)
Aziznagar Gate, C.B. Post, Hyderabad-500 075

INTERNAL ACADEMIC AUDIT

(2019 - 20)

Date of Academic Audit : 8-06-2020

1.	Name of the Department	EEE																						
2.	Year of Establishment	1999																						
3.	Names of Programmes offered (Mention with Intake)	Electrical and Electronics Engineering Intake: 120																						
4.	<p>A) Number of Teachers</p> <table border="1"> <thead> <tr> <th>Designation</th> <th>Existing</th> </tr> </thead> <tbody> <tr> <td>Professor</td> <td>5</td> </tr> <tr> <td>Associate Professors</td> <td>8</td> </tr> <tr> <td>Asst. Professors</td> <td>19</td> </tr> <tr> <td>Others</td> <td>-</td> </tr> </tbody> </table> <p>B) Teaching Experience of the Faculty in the Institute</p> <table border="1"> <thead> <tr> <th>Tenure</th> <th>No. of Teachers</th> </tr> </thead> <tbody> <tr> <td>More than 5 Years</td> <td>17</td> </tr> <tr> <td>More than 3 Years</td> <td>9</td> </tr> <tr> <td>Between 2 to 3 Years</td> <td>2</td> </tr> <tr> <td>Between 1 to 2 Tears</td> <td>4</td> </tr> <tr> <td>Below 1 Year</td> <td>0</td> </tr> </tbody> </table>		Designation	Existing	Professor	5	Associate Professors	8	Asst. Professors	19	Others	-	Tenure	No. of Teachers	More than 5 Years	17	More than 3 Years	9	Between 2 to 3 Years	2	Between 1 to 2 Tears	4	Below 1 Year	0
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6. Grants/Funds Received for Research/FDPs/STTPs/Workshops etc.

I. PROJECTS GRANTED IN THE CURRENT ACADEMIC YEAR

- a). Number of Research Grants only:
b). Number of Faculty Development Grants:
c). Research Grants received:
d). Faculty Development Grants received :

Name of funding agencies	Category of the funding Agency (GOVT/Non GOVT funding agencies/ individuals)	Name of the Faculty	Purpose of the Grant Research/ FDP/ STTP/ Workshop	Funds/Grants received (INR in lakhs)	Collaboration (National / Inter National)
AICTE	Govt agency	D & C. N. Ravi	STTP	2.71	National
II. ONGOING PROJECTS					
—	—	—	—	—	—

7. Special research laboratories sponsored by / created by industry or corporate bodies

—

8. Publications (List is to be attached)

Number of Papers published in Journals	24
Number of Papers published in Book Chapters/Conferences	8
Number of Books with ISBN	0
Average Citation Index	6
Average Impact Factor	0
h-index	2

9. Details of patents

Name of the Faculty	Topic	Obtained / Published / Filed	Product
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10.	Areas of consultancy and income generated <table border="1" data-bbox="196 161 1453 371"> <tr> <th data-bbox="196 161 1180 238">Areas of consultancy</th> <th data-bbox="1180 161 1453 238">Income generated</th> </tr> <tr> <td data-bbox="196 238 1180 305">—</td> <td data-bbox="1180 238 1453 305">—</td> </tr> <tr> <td data-bbox="196 305 1180 371"></td> <td data-bbox="1180 305 1453 371"></td> </tr> </table>		Areas of consultancy	Income generated	—	—								
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	(ii) International: 08 3. Workshops attended (i) National: 15 (ii) International: 0 4. Short Term Training attended (i) National: 05 (ii) International: 0 **Attach a separate sheet for details			
14.	Student projects			
	Percentage of students who have done in-house projects including inter-departmental projects	98%.		
	Percentage of students doing projects in collaboration with other universities/industry/institute	2%.		
15.	Awards/recognitions received at the national and international level by Faculty Doctoral/post doctoral fellows Students			
	Name of the Award/Recognition received	National/ International	Name of the Faculty/Student	Faculty/ Student
	Best Teacher award by ESN Award, India	National	Dr. C. N. Ravi	Faculty
	Best Head of the Department by ESN Award, India	National	Dr. S. Siva Prasad	Faculty
16.	Faculty Guiding Research			
	From the host institution / university			-
	From other institutions / universities			5

17. Infrastructure And Laboratory Details:

Number of Class Rooms With ICT Facilities	7																								
Number of Class Rooms Without ICT Facilities	-																								
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Number of Softwares Available

Name and details of the Software	No of Users
Matlab licensed Software	15
PSPICE	10
ETAP	15

Number Of Computers In Student Laboratories

32

Number Of Computers For Faculty And Office

5

Books In Department Library

214

Internet Facilities

200MBPS

18. Placement Activities :

No. of companies Visited	8
No. of Placements offered	26
Average Salary offered	300000
Off campus placements (%)	25
On campus Placements (%)	75
Existence of training & Placement Office in the Institute :	YES

19. Quality Improvement

S.No	Parameter	Incharge	Status (YES/NO)	File Name/File No
a).	Minutes of the Department Meetings	P. Nagaraj Rao	YES	EEE MOM
b).	Best practices implemented	B. Sudhakar Reddy	YES	EEE-BP
c).	Innovations by faculty/ students	A. Sri Latha	YES	NBA-5.5
d).	Student Mentoring	S. Chaitanya	YES	NBA-9
e).	Strengths, Weaknesses, Opportunities and Challenges (SWOC)	Dr. A. Sujana	YES	EEE-SWOC

Course Files with completion status

[illegible]

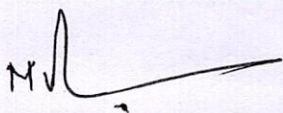
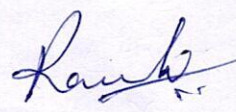

Seminar Presentation Details

Review Date	Seminar Batches	Faculty In charges
17.06.2020	A1, A2, A3, A4, A5, A6, A7, A8, A9, A10	D. Srinivas, P. Vaishnavi Devi
18.06.2020	A11, A12, A13, A14, A15, A16, A17, A18	K. Rajeev, K. Haritha
19.06.2020	B1, B2, B3, B4, B5, B6, B7, B8, B9	K. Sudapna, Ch. Vikram
20.06.2020	B10, B11, B12, B13, B14, B15, B16	L. Raju, P. Muneendra
	B17, B18, B19	

22	Monitoring the Evaluation Process of Mini-Projects		
	Review Date	Project Batches	Faculty Incharges
	17-02-2020	A1, A2, A3, A4, A5, A6, A7, A8	B. Rajesh
	17-02-2020	A9, A10, A11, A12, A13, A14, A15, A16	B. Sudhakar Reddy
	18-02-2020	B1, B2, B3, B4, B5, B6, B7	Dr. C. N. Ravi
	18-02-2020	B8, B9, B10, B11, B12, B13	B. Sudhakar Reddy
23	Monitoring the Evaluation Process of Major-Projects		
	Review Date	Project Batches	Faculty Incharges
	27-02-2020	A1, A2, A3, A4, A5, A6, A7, A8	B. Rajesh
	27-02-2020	A9, A10, A11, A12, A13, A14, A15, A16	B. Sudhakar Reddy
	29-02-2020	B1, B2, B3, B4, B5, B6, B7	Dr. C. N. Ravi
	29-02-2020	B8, B9, B10, B11, B12, B13	B. Sudhakar Reddy

COMMENTS OF THE AUDITORS:

- 1) suggested all the faculty members to register for NPTEL courses
- 2) suggested the department to get consultancy.
- 3) student paper publications need to improve.
- 4) student placements in core company need to improve.

Auditors	Signature
Auditor-1 Name: Dr. M. N. Rao Designation: Prof Department: IT-Dept Date: 9/6/2020	
Auditor-2 Name: Dr. K. Ramakrishna Basu Designation: Professor Department: CSE Date: 8/6/2020	
Auditor-3 Name: Dr. M. Anand Designation: Prof Department: Physics Date: 8.6.2020	



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EXTERNAL ACADEMIC AUDIT

(2019 - 20)

Date of Academic Audit : 24-06-2020

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	K. Tejaswini	ICET-2020

13.	Faculty recharging strategies (Orientation programs, workshops, training programs and similar programs)** 1. FDPs attended by the faculty (i) National: <u>65</u> (ii) International: <u>01</u> 2. Conferences attended (i) National: <u>01</u> (ii) International: <u>08</u> 3. Workshops attended (i) National: <u>15</u> (ii) International: <u>0</u> 4. Short Term Training attended (i) National: <u>05</u> (ii) International: <u>0</u> ** Attach a separate sheet for details																		
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17. Infrastructure And Laboratory Details:

Number of Class Rooms With ICT Facilities	7
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Number of Student Laboratories With Names and Stock Verification	12

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N004 & E314	Basic Electrical & Engineering Lab

Number of Research Laboratories

S.No	Name of the Research Laboratory
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2.	Power Electronics and Drives Research Laboratory

Number of Softwares Available

Name and details of the Software	No of Users
Mat lab Licensed Software	20
MASAM PSPICE	10
KEIL-μVISION ETAP	15
MBED COMPILER	-
XILINX TOOLS VERSION 7.1I	-
TINA SOFTWARE	-
XILINX VIVADO SOFTWARE	-

Number Of Computers In Student Laboratories

32

Number Of Computers For Faculty And Office

5

Books In Department Library

214

Internet Facilities

200 MBPS

	Placement Activities :		
	No. of companies Visited		8
	No. of Placements offered		26
	Average Salary offered		300000
	Off campus placements (%)		25
	On campus Placements (%)		75
	Existence of training & Placement Office in the Institute :		YES
19.	Quality Improvement		
	S.No	Parameter	Status (YES/NO)
	a).	Minutes of the Department Meetings	YES
	b).	Best practices implemented	YES
	c).	Innovations by faculty/ students	YES
	d).	Student Mentoring	YES
	e).	Strengths, Weaknesses, Opportunities and Challenges (SWOC)	YES
			File Name/File No
			EEE MOM
			EEE-BP
			NRA-S.S
			NBA-9
			EEE-SWOC

COMMENTS OF THE AUDITORS:

- 1). Suggested senior faculty members to apply funded projects by govt agency.
- 2). Suggested senior faculty member to apply patents.
- 3). All the M.Tech faculty members are to be encouraged to register for
- 4). ^{Ph.D} student placements in core companies are to be improved along with packages
- 5). Suggest to give coaching for GATE / PSU

Auditors	Signature
Auditor-1 M.d. Gutthubuddin Name: Designation: Assoc prof, dept of EEE, TKRCEET, HYD Department: EEE Date: 24/6/2020.	M.d. Gutthubuddin
Auditor-2 Name: G. Srinivasa Rao Designation: Associate professor, CMRCET, HYD Department: EEE Date: 24-06-2020	G. Srinivasa Rao
Auditor-3 Name: M. Dileep Kumar Designation: Associate professor, St. Peter's Engg college Department: EEE Date: 24.06.2020.	M. Dileep Kumar